

**PROJECT OF OFFICIAL MEXICAN STANDARD PROY-NOM-003-SCT2/1999.
“ CHARACTERISTICS OF THE LABELS OF PACKAGES AND PACKAGINGS
DESTINED FOR THE TRANSPORT OF HAZARDOUS SUBSTANCES,
MATERIALS AND WASTE”**

**NATIONAL CONSULTATIVE COMMITTEES FOR STANDARIZATION OF TRANSPORT
FOR LAND; AERIAL; MARITIME AND PORTS**

AARON DYCHTER POLTOLAREK, Undersecretary of Transport and Chairman of the National Consultative Committees for the Standarization of Land Transport and Aerial Transport together with PEDRO PABLO ZEPEDA BERMUDEZ< Coordinator General of Ports and Merchant Marine and Chairman of the National Consultative Committee for Standarization of Maritime Transport and Ports, based upon articles 36 parts I,IV,VI,IX,XII,XIV,XVI,XVII,XVIII,XXV,XXVII of the Organic Act of Federal Public Administration; 1st.,38 part II, 40 parts V,XIII,XVI and XVII, 41,43 and 47 of the Federal Act on Metrology and Standarization; 5th part VI of the Act for Roads, Bridges and Federal Autotransport; 7th part V and 63 of the Act for Navigation; 31 and 114 part II of the Regulation for the Land Transport of Hazardous Materials and Wastes; 5th and 6th of the Regulation of Operation of Civil Aircraft; 6th part XIII of the Internal Regulation of the Secretariat of Communications and Transport as well as any other appliccable mandates, are herewith commanding publication on the Official Register this Project for Official Mexican Standard PROY-NOM-003-SCT/1999 , “Characteristics of the Labels of Packages and Packagings, Destined for the Transport of Hazardous Substances, Materials and Waste”.

This project of Official Mexican Standard, is published for the purpose and effect that within the next 60 natural days of its publication date , all interested parties provide their comments and observations to the National Consultative Committees for Standarization of Transport: Land; Aerial; Maritime and Ports in their corresponding headquarters at the following adresses respectively:

Calzada de las Bombas No. 411, 9th. Floor, Col. San Bartolo Coapa, Delegación Coyoacán, C.P. 04800. Phone 684-1275; Fax 684-0188.

Providencia No. 807 3rd. Floor, Col. Del Valle, C.P. 03100, Delegación Benito Juárez. Phone 532-4853 Fax 523- 4853.

Municipio Libre No. 377 6^o Piso, Col. Santa Cruz Atoyac, Delegación Benito Juárez, Phone 604-4609 Fax 605-8321

During the aforementioned period, analysis which were utilized as a base to work on the Regulatory Impact Declaration in accordance with Article 45 of the Federal Act on Metrology and Standarization will be on public display for public consultation in each of the above mentioned adresses for the respective commitees.

Mexico City, Federal District, September 22, 1999-12-13

**CHAIRMAN OF THE NATIONAL
CONSULTATIVE COMMITTEES
FOR STANDARIZATION OF LAND
TRANSPORT AND AERIAL TRANSPORT**

**CHAIRMAN OF THE NATIONAL
CONSULTATIVE COMMITTEE FOR
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TRANSPORT AND PORTS**

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PROJECT

PROY-NOM-003-SCT/1999

**FOR THE TRANSPORT OF
HAZARDOUS MATERIALS AND WASTES**

**“ CHARACTERISTICS OF THE LABELS OF PACKAGES AND
PACKAGINGS DESTINED TO THE TRANSPORT OF HAZARDOUS
SUBSTANCES, MATERIALS AND WASTES”**

Participants in this Project of Official Mexican Standard were:

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DIRECTORATE GENERAL OF FEDERAL AUTOTRANSPORT

DIRECTORATE GENERAL OF TARIFFS, RAILROAD AND MULTIMODAL TRANSPORT

DIRECTORATE GENERAL OF CIVIL AVIATION

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NATIONAL CENTER FOR DISASTER PREVENTION

SECRETARIAT OF ENVIRONMENT, NATURAL RESOURCES AND FISHERIES

NATIONAL INSTITUTE OF ECOLOGY

SECRETARIAT OF DEFENSE

GENERAL DIRECTORATE OF FIREARMS AND EXPLOSIVES CONTROL

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NATIONAL ASSOCIATION OF CHEMICAL INDUSTRY

MEXICAN ASSOCIATION OF NON DESTRUCTIVE TESTS COMPANIES

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TRANSPORTACION MARITIMA MEXICANA

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**PROJECT FOR
OFFICIAL MEXICAN STANDARD
PROY-NOM-003-SCT/1999
CHARACTERISTICS OF THE LABELS OF
PACKAGES AND PACKAGINGS DESTINED TO TRANSPORT
OF HAZARDOUS SUBSTANCES, MATERIALS AND WASTES**

1. PURPOSE.

This Official Mexican Standard Project sets forth the characteristics, dimensions, symbols and colors of labels to be displayed by all packages and packagings. Such labels identify the risks presented by the hazardous substances, materials and wastes during their transport and handling.

2. APPLICABILITY.

This Official Mexican Standard Project applies compulsorily to the shippers, carriers and consignees of hazardous substances, materials and waste transported through the general ways of communication by land, sea and air.

3. REFERENCES.

For a correct application of this Standard, it is necessary to consult the following Official Mexican Standards:

NOM-002-SCT2/1994	LISTING OF THE MOST COMMONLY HAZARDOUS SUBSTANCES AND MATERIALS
NOM-004-SCT/1999	IDENTIFICATION SYSTEM FOR UNITS DESTINED TO THE TRANSPORT OF HAZARDOUS SUBSTANCES, MATERIALS AND WASTES.
NOM-010-SCT2/1994	PROVISIONS FOR COMPATIBILITY AND SEGREGATION FOR THE STORAGE AND TRANSPORT OF HAZARDOUS SUBSTANCES, MATERIALS AND WASTES.
NOM-011-SCT2/1994	CONDITIONS FOR THE TRANSPORT OF HAZARDOUS SUBSTANCES, MATERIALS AND WASTES IN LIMITED QUANTITIES.
NOM-033-SCT4/1996	POLICIES FOR THE ENTRY OF HAZARDOUS MATERIALS TO PORT INSTALLATIONS.

NOM-023-SCT4/1995	CONDITIONS FOR HANDLING AND STOWAGE OF HAZARDOUS MATERIALS IN PORTS, TERMINALS AND VESSELS AT SEA.
NOM-024-SCT2/1994	SPECIFICATIONS FOR THE CONSTRUCTION AND RECONSTRUCTION, AS WELL AS TESTING METHODS FOR PACKAGES AND PACKAGINGS FOR HAZARDOUS SUBSTANCES, MATERIALS AND WASTES.
NOM-052-ECOL-1993	WHICH ESTABLISHES THE CHARACTERISTICS OF HAZARDOUS WASTES, A LISTING OF THEM AND LIMITS THAT MAKE WASTE DANGEROUS DUE TO ITS TOXICITY TO THE ENVIRONMENT.
NOM-054-ECOL-1993	WHICH ESTABLISHES THE PROCEDURE TO DETERMINE INCOMPATIBILITY BETWEEN TWO OR MORE RESIDUES CONSIDERED AS HAZARDOUS BY THE OFFICIAL MEXICAN STANDARD NOM-052-ECOL-1993.
NOM-087-ECOL-1995	WHICH ESTABLISHES REQUISITES FOR SEGREGATION, PACKING, STORING, COLLECTION, TRANSPORT, TREATMENT AND FINAL DISPOSITION OF BIOLOGICAL AND INFECTIOUS WASTES GENERATED IN HOSPITALS AND ESTABLISHMENTS PROVIDING MEDICAL ASSISTANCE.

4. DEFINITIONS

- 4.1 exempt quantity: small quantities of dangerous goods that may be transported by air packaged in such a manner that can be exempted from the requisites of labeling, stowage and documentation demanded by regulations.
- 4.2 limited quantity: maximum quantity of a substance, material or waste of certain classes, that may be transported, representing a minor danger, in packages and packagings of the specified types in the corresponding normativity, even though had not been tested and thus labeled.
- 4.3 packaging: a material that wraps, contains or adequately protects the pre-packaged products and facilitates and resist warehousing handling and transport.

- 4.4 package: any container or wrapping containing the product, for its distribution or sale
- 4.5 label: any sign or written, printed or visually graphic symbol or affixed that through a code of interpretation indicates the contents, handling, risk, and hazardousness of the substances, materials and wastes.
- 4.6 shipper: any person or company that either by himself or representing a third party, hires transport services for hazardous materials or wastes.
- 4.7 hazardous material: dangerous substances, its residues, its packages, packagings and all other components of the cargo to be transported by the units.
- 4.8 preponderance: greater risk of a substance in relation to another.
- 4.9 remnant: hazardous substances, materials or wastes that remain in the containers, packages or packagings after their being emptied or unpacked.
- 4.10 hazardous residue: all those residues, in any physical state, that by its corrosive, toxic, poisonous, reactive, explosive, flammable, biologically infectious or irritant characteristics, represent a danger for the ecological balance or environment.
- 4.11 symbol: an image showing in graphic form and ease of interpretation, the meaning of the risk inherent to the hazardous material.
- 4.12 multimodal transport: means the transport of goods (hazardous substances, materials and wastes) through at least two different means of transportation, through a multimodal transport contract from a place of origin in which the multimodal transport operator takes the goods under its custody to another designed place for its delivery.

5. CLASSIFICATION

The symbols utilized for risk identification in the transport of hazardous substances, materials and wastes, indicated in this Standard, are within the classification established by articles 7 to 16, Chapter I, Title First, of the Regulations for the Land Transport of Hazardous Materials and Wastes; Part 2 of Classification and List of Dangerous Goods of DOC 9284-AN/905 of the Technical Instructions for the Safe Transport of Dangerous Goods by Air from ICAO and on the General Introduction of the IMDG Code.

6. GENERAL PRINCIPLES

All packages and packagings destined to transport hazardous materials or wastes whose net mass or capacity does not exceed 400 kg. or 450 liters, respectively, must display an adhesive label or labels, (primary or subsidiary, depending on the case) either printed or painted, to allow easy visual identification, of the associated risks of their contents.

Packages and packagings containing hazardous substances, materials or waste that are transported in "limited quantities" or "exempt quantities" are excepted to the obligation to display labels for transport purposes.

All packages or packagings destined to the transport of hazardous materials and wastes whose net mass or capacity exceeds 400 kg. or 450 liters must display identification placards as established on the corresponding Standard.

In the case of transporting packages or packagings with various compatible hazardous materials or wastes but having different risks, the package and the outside packaging, must display the labels for the principal risk and when required, also secondary risk labels.

6.1 Labels have the following purposes:

- a) Recognize by its general appearance in terms of color, form and symbol, the packages and packagings containing hazardous materials and wastes;
- b) Identify the nature of potential risk of the hazardous material or waste through symbols.
- c) Prevent dangerous situations in the handling and storage of materials.

The five basic label symbols and the four complementary ones, with their corresponding meaning are as follows:

BASIC SYMBOLS

- Exploding bomb (danger of explosion)
- Flame (danger of fire)
- Skull and crossbones (danger of poisoning)
- Trefoil (danger of radioactivity) and
- Liquids spilling from two glass vessels and attacking a hand and a metal (danger of corrosion)

COMPLEMENTARY SYMBOLS

- Flame over circle (oxidizing substances and organic peroxides).
- Gas cylinder (non flammable, non toxic compressed gases).
- Three crescents superimposed on a circle (infectious substances)
- Seven vertical stripes (Miscellaneous hazardous substances)

6.2 Characteristics of labels.

- 6.2.1 They must be square with minimum dimension of 100 mm. X 100 mm. Per side, except in the case of packages of such dimensions that they can only bear smaller labels with opposite vertices in vertical position in the form of a diamond or romboidal, with a line of the same color as the symbol, 5 mm. inside the edge and parallel with it. (see figure No. 1)
- 6.2.2 The labels are divided into halves. With the exception of Divisions 1.4, 1.5, and 1.6, the upper half of the label is reserved for the pictorial symbol and the lower half for texts and the class or division number and the compatibility group letter as appropriate. Text corresponding to risk is optative. However, when specific regulations for a determined mode of transport establishes so, labels must show the required texts.
- 6.2.3 Except for Divisions 1.4, 1.5 and 1.6, labels for Class 1 show in the lower half the division number and compatibility group letter for the substance. Labels for Divisions 1.4, 1.5 and 1.6 show in the upper half the division number and in the lower half the compatibility group letter. For Division 1.4, Compatibility Group "S", no label is recommended.
- 6.2.4 In the case of primary risk labels for Class 5, the division number of the substance should be shown in the bottom corner of the label. For all other primary risk labels, the class number of the substance should be shown in the bottom corner of the label. Label models of primary risk labels for each class are shown on Figures No. 2 to 10.

- 6.2.5 Blanks in the text appearing in the lower half of the labels for substances of Class 7 must be filled with the required data, before the products are transported, (figure No. 8)

In the case of existence of levels of radioactive contamination, once the container has been emptied, radiological safety measures will be applied to the effect have been established by the Nuclear Safety and Safeguard National Commission from the Secretariat of Energy.

On the romboid labels not corresponding to Class 7 substances, the insertion of any text other than the class or division number any other text than indications relative to the nature of risk in its case and particular cautions to be followed for the specific mode of transportation handling.

- 6.2.6 The symbols, texts and numbers should be shown in black on all labels except:

- a) On labels for class 8, the text “corrosive” and class number should appear in white; and
- b) Labels with entirely green, red or blue backgrounds where they may be shown in white.

- 6.2.7 All labels should be high-resistant, so that there should not be decoloration or deformations in their normal usage, to avoid deterioration of the information contained in them.

- 6.2.8 Labels should be affixed on a surface of contrasting color

- 6.2.9 Fixation of labels for no reason should produce obstruction on the marks of the package or outer packaging although they should be placed near these marks. It is recommended a distance of 150 mm. (6 inches) with respect to those marks as well as labels should be fixed on the two lateral visible faces of the package and packaging or container.

- 6.2.10 Gas cylinders for Class 2 may, on account of their shape, orientation and securing mechanisms for transport, bear labels representative of those specified in this Standard, may be reduced in size, in a convenient proportion, for display on the non-cylindrical part (shoulder) of such cylinders.

6.3 Labels for subsidiary risk. (figure No. 11)

- 6.3.1 When a material or waste may present more than one significant risk (e.g.: fire and poisonous/toxic), the package should, in those cases, bear in addition to the label corresponding to the primary risk such additional label (s) as would indicate such significant subsidiary risks.

Labels should correspond at all times to hazardous material or waste to be transported.

When dealing with substances appearing by its name on the classification list of materials, a label must be affixed indicating the risk alluded in the "class or division" column, and in its case the subsidiary risk label, mentioned in the secondary risk column.

- 6.3.2 If a substance which meets the definition of more than one class is not specifically listed by name, the class of primary risk of the substances must be determined according to the table in which precedence of risk characteristics of the materials risk. In addition to the label required for that class of primary risk, packages and packagings must carry the corresponding subsidiary risk according to Figure No. 11.
- 6.3.3 Substances of Class 8 need not bear subsidiary risk for division 6.1 if the toxicity arises solely from the destructive effect on live tissue. Substances of Division 4.2 need not bear subsidiary risk label of division 4.1.
- 6.3.4 Packages and packagings bearing subsidiary risk labels, these should only show the corresponding symbol to the risk.
- 6.3.5 Three separate labels have been provided for Class 2: one for flammable gases of division 2.1 (red), one for non-flammable, non-toxic gases of division 2.2 (green) and one for toxic gases of division 2.3 (white).

Where the list of hazardous materials indicates that a class 2 gas possesses single or multiple subsidiary risks, labels should be used as indicated on figure 11. In all cases the primary risk label indicated on the third column of Table 1 should conform to the label models shown on figure no. 3.

6.4 Additional labels

When a package or packaging containing hazardous materials or wastes is to be transported on multimodal mode, additionally to the marks and labels indicating primary and subsidiary risks must bear those applicable for the subsequent modes of transportation, when so required.

- 6.4.1 Packages and packagings to be transported by ocean, containing hazardous materials or wastes that may represent a risk to marine life or water bodies, should bear the "MARINE POLLUTANT" label, which will be represented by a triangle with a fish in the center and an X mark over it in a white background and symbols in black measuring at least 100 mm. per side (label is illustrated on figure No. 13), except those packages and packagings that due to its small size can only bear smaller labels.
- 6.4.2 Packages and packagings containing 5 liters or less of liquid substances or 5 kg. or less of solid substances are excepted of bearing the marine pollutant label. Likewise, those containing hazardous material or wastes considered highly pollutant to ocean with capacities of 0.5 liters for liquid substances or 500 grams or less for solids. However the transport units (including containers) or the transport units containing them must bear the corresponding label or placard.

TABLE 1

**LABELS FOR GASES OF CLASS 2
WITH SUBSIDIARY RISKS**

Risks Indicated on NOM-SCT2/1994		Form of Identification	
Primary	Subsidiary	Label for Primary Risk	Label for Secondary Risk
2.1	None	2.1	None
2.2	None	2.2	None
	5.1	2.2	5
2.3	None	2.3	None
	2.1	2.3	3
	5.1	2.3	5
	5.1,8	2.3	5.8

- 6.4.3 Small amounts of hazardous materials may be transported on aircraft properly identified with the label "HAZARDOUS MATERIALS IN EXEMPT QUANTITIES", shown on figure 14. Minimum dimensions of this label are 100 X 100 mm. (4 X 4 inches).
- 6.4.4 When hazardous materials are being transported on aircraft, additionally to the risk labels, handling labels are utilized as shown on figure No. 15, as indicated as follows:
- 6.4.5 MAGNETIZED MATERIAL label must be affixed on packages and packaging covers containing magnetized material. This label will measure 110 X 90 mm. on a white background with texts and symbols in light blue. The symbol of a magnet pointing towards a compass face, with the text: "keep away from aircraft compass detector unit" (figure No. 15).
- 6.4.6 The label "DO NOT LOAD IN PASSENGER AIRCRAFT" must be used on packages and covers containing substances allowed only on cargo aircraft. Such label must have a square format with dimensions of 120 X 110 mm. of black background with text and images in orange color showing a passenger aircraft with the door open and a hand protruding signaling halt, with the text of "danger, do not load in passenger aircraft" (figure No. 15).
- 6.4.7 The PACKAGE ORIENTATION label must be utilized in packages and covers containing liquid hazardous substances that must be always stowed in a vertical position. Such label depicts two red arrows over a horizontal line framed by a square of the same color over a contrasting background or two black arrows over a horizontal line of the same color over a contrasting background without the square frame. In both cases the minimum dimensions will be of 74 X 105 mm. (figure No. 12)
- 6.4.8 The handling label for "CRYOGENIC LIQUIDS" indicated on figure No. 15 must be utilized besides the NON FLAMMABLE GAS risk label of division 2.2 on all packages, packagings and covers containing cryogenic liquids transported on aircraft.
- 6.4.9 For international cargo transported by air, the text on all labels , may be in English language. Other languages may be utilized in conformity to international agreements that may be established.
- 6.5 Markings for handling and stowage

Packages and packagings may bear additionally labels with other marks and symbols which indicates cautions to be exerted at handling or stowing a package or packaging. (example: an umbrella symbol to indicate that the package or packaging must be kept dry), handling label for package orientation. These labels, as well as their symbols and texts must adhere according to the corresponding dispositions on applicable Standards or to what is specified on 6.4.7 of this Standard.

6.6 Labels for mixed or consolidated packages and packagings.

6.6.1 Mixed or consolidated packages and packagings.-When two or more compatible hazardous materials are packaged together but being of different danger classes within the same package or container or cover; these should bear the various primary and subsidiary risk labels corresponding to each one of the materials or wastes, however subsidiary risk labels will not be required if such risk is already represented by a primary risk label.

7. BIBLIOGRAPHY

Recommendations on the Transport of Dangerous Goods from the United Nations Organization, Ninth Edition, New York, 1996; International Maritime Dangerous Goods Code (IMDG); Amendment 28-96, Part 2 of Classification and List of Dangerous Goods of DOC. 9284-AN/905 of the Technical Instructions for the Safe Transport of Dangerous Goods by Air, ICAO.

8. HARMONIZATION WITH INTERNATIONAL STANDARDS

This Official Mexican Standard is equivalent to the Recommendations on the Transport of Dangerous Goods of the United Nations, Chapter 13, paragraphs 13.1, 13.3 and 13.4; 1996, Ninth revised edition, United Nations, New York, 1996 and the the International Maritime Dangerous Goods Code (IMDG); Amendment 28-96, annex 18 to the Chicago Agreement on International Civil Aviation; Technical Instructions for the Safe Transport of Dangerous Goods by Air. ICAO (1997-1998)

9. COMPLIANCE.

This Standard is compulsory on the General Means of Communication for the Transport of Hazardous Materials and Wastes. Based on the dispositions in the Civil Aviation Act, in the Regulation for the Land Transport of Hazardous Materials and Wastes and other international documents signed by our country for the land , sea and air transport.

10. ENFORCEMENT

The Secretariat of Communications and Transport through the Directorates Generals involved, is the competent authority to enforce compliance of this Official Mexican Standard. The evaluation of the conformity will be effected through the following guidelines:

Inspection will be effected by the Federal Highway Police, Inspectors of the General Means of Communication or duly credited personnel.

The visual inspection while in operation, will be effected to the packages and packagings, in order to verify that the primary risk labels and in its case the subsidiary risk labels are affixed to them and they correspond to the material's risk, in accordance to what is stated in the shipping documents and that the label color as well as the symbol are in compliance to the specific model, and that they should be in acceptable conditions for its adequate interpretation.

11. SANCTIONS.

The non compliance of what is established within this Official Mexican Standard will be sanctioned by this Secretariat, in accordance to what is established in the Regulation for the Land Transport of Hazardous Materials and Wastes and other legal ordainments that may be applicable without interference to those sanctions applied by other Federal Government Agencies exercising their attributions or of civil or criminal responsibility resultant thereof.

12. VALIDITY.

This Official Mexican Standard will be in force 60 days after its publication in the Official Register.

13. TRANSITORY

This Official Mexican Standard abrogates NOM-003-SCT2/1994, published in the Official Register on August 21, 1995.

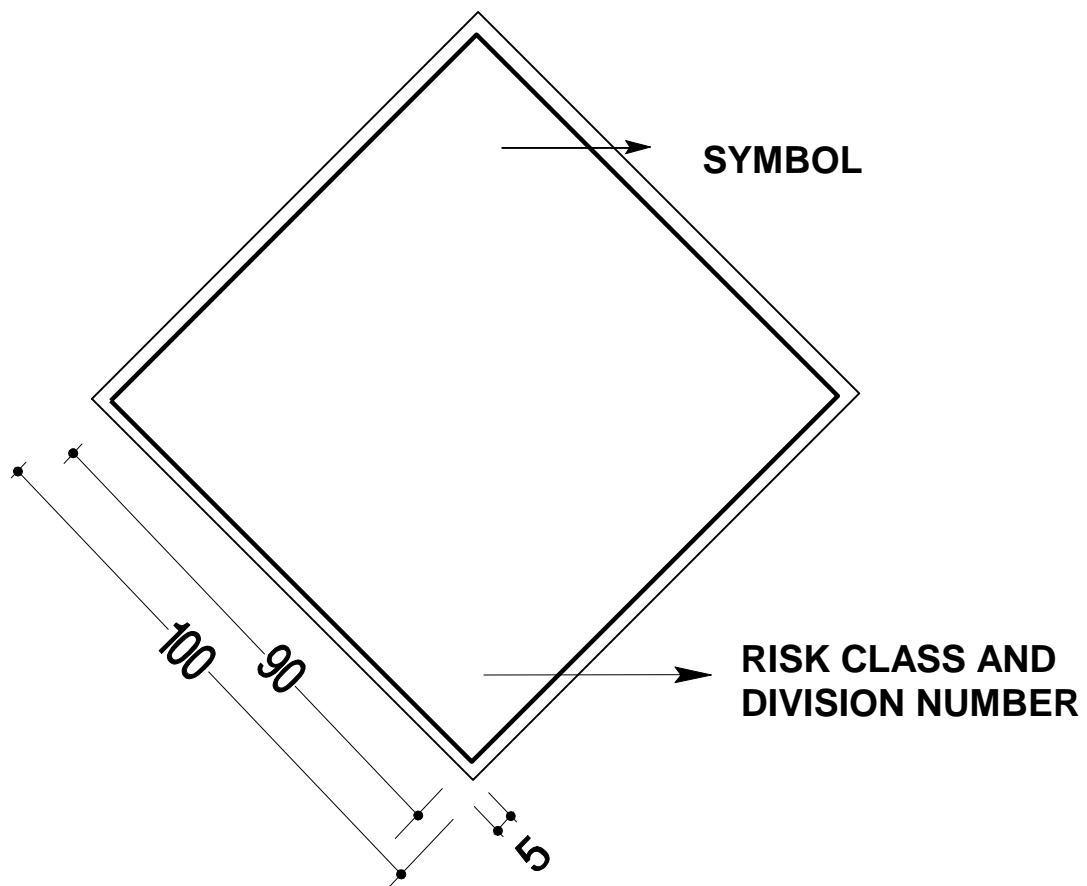
Mexico, D.F., September 22, 1999.

**THE UNDERSECRETARY OF TRANSPORT
AND CHAIRMAN OF THE NATIONAL
CONSULTATIVE COMMITTEES OF
STANDARDIZATION FOR LAND TRANSPORT
AND AIR TRANSPORT**

**THE COORDINATOR GENERAL OF PORTS
AND MERCHANT MARINE AND CHAIRMAN
OF THE NATIONAL CONSULTATIVE
COMMITTEE FOR STANDARDIZATION FOR
MARINE TRANSPORT AND PORTS**

AARON DYCHTER POLTOLAREK

PEDRO PABLO ZEPEDA BERMUDEZ



Scale.	LABEL DIMENSIONS	Table
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CLASS 1



DIVISIONS 1.1 1.2 AND 1.3

SYMBOL (EXPLODING BOMB) SYMBOL AND DIGITS: BLACK ;
BACKGROUND : ORANGE FIGURE ' 1 ' IN BOTTOM CORNER



DIVISIONS 1.4, 1.5 AND 1.6 BACKGROUND ORANGE AND DIGITS IN BLACK

NUMERALS SHOULD BE ABOUT 30MM IN HEIGHT AND BE
ABOUT 5MM TICK (FOR LABEL MEASURING 100 MM); FIGURE
'1' IN BOTTOM CORNER

** PLACE FOR DIVISION

* PLACE FOR COMPATIBILITY GROUP

Scale.

MODEL OF LABEL TO THE TRANSPORT

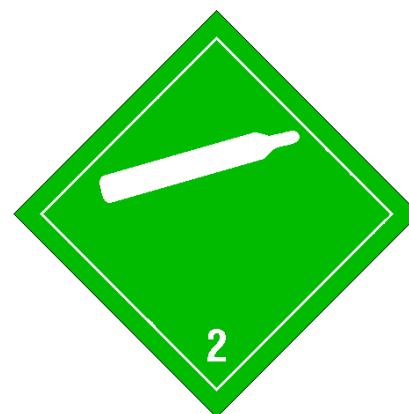
Table

CLASS 2



DIVISION 2.1

SYMBOL (FLAME) BLACK OR WHITE
BACKGROUND : RED, DIGIT "2" IN
BOTTOM CORNER
THE LEGEND "FLAMABLE GASES"
MAY APPEAR IN LOWER SECTION



DIVISION 2.2

SYMBOL (GAS CYLINDER) BLACK OR
WHITE BACKGROUND: GREEN, DIGIT "2"
" IN BOTTOM CORNER, THE LEGEND
"NON-FLAMABLE GASES" MAY APPEAR
IN LOWER SECTION



DIVISION 2.3

SYMBOL (SKULL AND CROSSBONES) BLACK OR WHITE
BACKGROUND: RED, DIGIT "2" IN BOTTOM CORNER
THE LEGEND "TOXIC GAS" (POISONOUS) MAY APPEAR IN LOWER SECTION

ESCALE.

MODEL OF LABEL TO THE TRANSPORT

Table

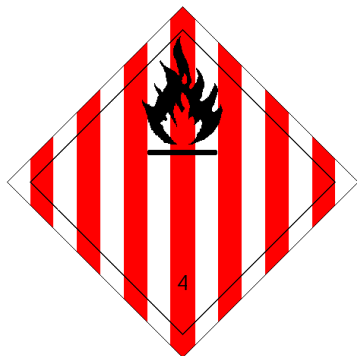
CLASS 3



SYMBOL (FLAME) BLACK OR WHITE
BACKGROUND: RED, DIGIT "3" IN BOTTOM CORNER
THE LEGEND "FLAMMABLE LIQUID" MAY APPEAR IN
LOWER SECTION

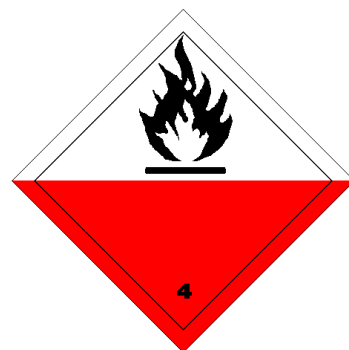
Scale.	MODEL OF LABEL TO THE TRANSPORT	Table
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CLASS 4



DIVISION 4.1

SYMBOL (FLAME) BLACK OR WHITE WITH SEVEN VERTICAL RED STRIPES, DIGIT "4" IN BOTTOM CORNER THE LEGEND "FLAMMABLE SOLID" MAY APPEAR IN LOWER SECTION



DIVISION 4.2

SUBSTANCES LIABLE TO SPONTANEOUS COMBUSTION SYMBOL (FLAME) BLACK BACKGROUND : WHITE UPPER HALF WHITE AND LOWER HALF RED, DIGIT "4" IN BOTTOM CORNER THE LEGEND "SPONTANEOUS COMBUSTION" MAY APPEAR IN LOWER SECTION



DIVISION 4.3

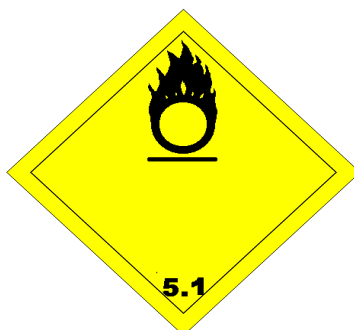
SUBSTANCES WHICH , IN CONTACT WITH WATER, EMIT FLAMMABLE GASES, SYMBOL (FLAME) BLACK OR WHITE, BACKGROUND: BLUE, DIGIT "4" IN BOTTOM CORNER THE LEGEND "REACTS WITH WATER" MAY APPEAR IN LOWER SECTION

Scale.

MODEL OF LABEL TO THE TRANSPORT

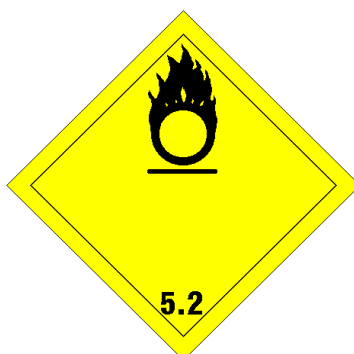
Table

CLASS 5



DIVISION 5.1

OXIDIZING SUBSTANCES,
SYMBOL (FLAME OVER CIRCLE): BLACK; BACKGROUND: YELLOW, DIGIT
“5.1” IN BOTTOM CORNER THE LEGEND
“OXIDIZER” MAY APPEAR IN LOWER SECTION



DIVISION 5.2

ORGANIC PEROXIDES,
SYMBOL (FLAME OVER CIRCLE): BLACK; BACKGROUND YELLOW,
DIGIT “5.2” IN BOTTOM CORNER THE LEGEND “ORGANIC PEROXIDE”
MAY APPEAR IN LOWER SECTION

Scale.	MODEL OF LABEL TO THE TRANSPORT	Table
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CLASS 6



DIVISION 6.1

TOXIC OR POISONOUS SUBSTANCES,
SYMBOL (SKULL AND CROSSBONES): BLACK; BACKGROUND: WHITE,
DIGIT "6" IN BOTTOM CORNER THE LEGEND "TOXIC" (POISONOUS)
MAY APPEAR IN LOWER SECTION



DIVISION 6.2

INFECTIOUS SUBSTANCES THE LOWER HALF OF THE LABEL MAY BEAR THE
LEGEND : "INFECTIOUS SUBSTANCE" AND "IN THE CASE OF DAMAGE OR LEAKAGE,
IMMEDIATELY NOTIFY PUBLIC HEALTH AUTHORITY",
SYMBOL (THREE CRESCENTS SUPERIMPOSED ON A CIRCLE): BLACK; BACKGROUND:
WHITE, DIGIT "6" IN BOTTOM CORNER

Scale.	MODEL OF LABEL TO THE TRANSPORT	Table
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CLASS 7



(No. 7A)

CATEGORY I - WHITE

SYMBOL (TREFOIL): BLACK; BACKGROUND: WHITE TEXT (MANDATORY):
BLACK IN LOWER HALF OF LABEL :

“RADIOACTIVE”

“Contents.....”

“Activity.....”

**THE WORD ‘ RADIOACTIVE ’ MUST BE FOLLOWED OF ONE RED VERTICAL
BAR; DIGIT “7” IN BOTTOM CORNER**



(No. 7B)

CATEGORY II



(NO. 7C)

CATEGORY III

YELLOW

SYMBOL (TREFOIL) BLACK: BACKGROUND: UPPER HALF YELLOW WITH WHITE
BORDER, LOWER HALF WHITE; TEXT (MANDATORY): BLACK IN LOWER HALF OF LABEL :

“RADIOACTIVE”

“Contents.....”

“Activity.....”

**THE WORD ‘ RADIOACTIVE ’ MUST BE
FOLLOWED OF TWO RED VERTICAL BARS;
DIGIT “7” IN BOTTOM CORNER**

**THE WORD ‘ RADIOACTIVE ’ MUST BE
FOLLOWED OF THREE RED VERTICAL
BARS; DIGIT “7” IN BOTTOM CORNER**

Scale.	MODEL OF LABEL TO THE TRANSPORT	Table
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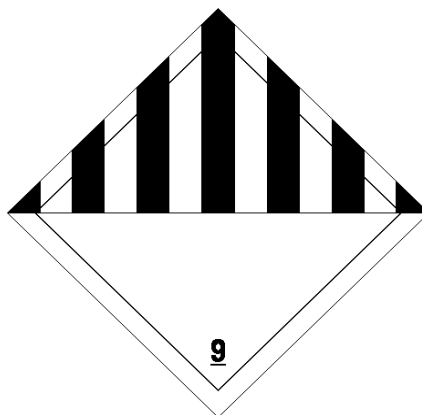
CLASS 8



SYMBOL (LIQUIDS, SPILLING FROM TWO GLASS VESSELS AND
ATTACKING A HAND AND A METAL): BLACK;
BACKGROUND: UPPER HALF WHITE; DIGIT "8" IN WHITE, IN BOTTOM
CORNER; LEGEND "CORROSIVE " MAY APPEAR IN LOWER SECTION

Scale.	MODEL OF LABEL TO THE TRANSPORT	Table
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CLASS 9



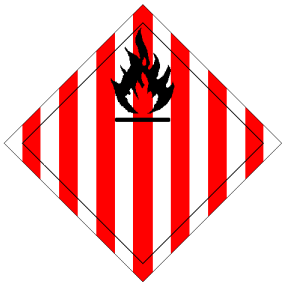
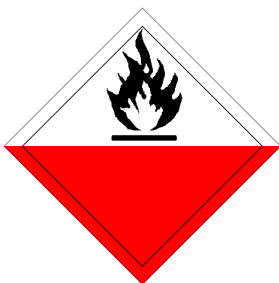






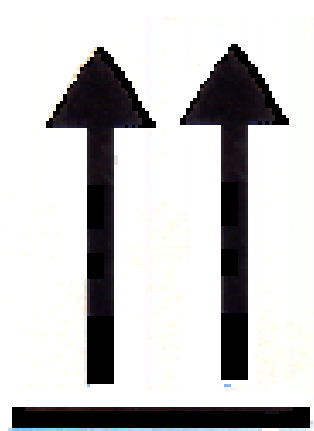
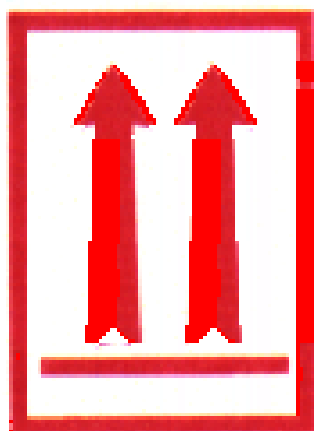
SYMBOL (SEVEN VERTICALS STRIPES IN UPPER HALF): BLACK;
BACKGROUND: WHITE, DIGIT “9” UNDERLINED IN BOTTOM CORNER, THE
LEGEND “ MISCELLANEOUS ” (VARIOS) MAY APPEAR IN LOWER SECTION

Scale.

MODEL OF LABEL TO THE TRANSPORT

Table

CLASS EXPLOSIVES		CLASS FLAMMABLE	
			
CLASS FLAMMABLE SOLIDS		CLASS SPONTANEOUS COMBUSTION SOLIDS	
			
CLASS SOLIDS WHICH REACT WITH WATER		CLASS OXIDIZING SUBSTANCES AND ORGANIC PEROXIDES	
			
CLASS POISONOUS		CLASS CORROSIVE	
			
Scale.	MODEL OF LABEL TO SUBSIDIARY RISK		Table



LABEL FOR PACKAGE ORIENTATION OR COVER (THIS SIDE UP) WHICH
CONTAINS LIQUID HAZARDOUS SUBSTANCES.
SYMBOL: TWO RED ARROWS OVER A HORIZONTAL LINE OF THE SAME
COLOR WITHIN A RED FRAME. BLACK ARROWS OVER A BLACK
HORIZONTAL LINE WITHOUT FRAME
BACKGROUND: CONTRASTING
DIMENSIONS : 74 X 105 MM

Scale.	MODEL OF ADDITIONAL LABEL FOR ORIENTATION	Table
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MARINE POLLUTANT LABEL

TRIANGLE WITH FISH IN CENTER AND AN X MARK OVER IT; BACKGROUND WHITE
WITH SYMBOL IN BLACK
DIMENSIONS; 100 MM PER SIDE.

**MERCANCIAS PELIGROSAS EN CANTIDADES EXENTAS
DANGEROUS GOODS IN EXCEPTED QUANTITIES**

Este bulto contiene mercancías peligrosas en pequeñas cantidades exentas y en todos los aspectos está de acuerdo con la reglamentación gubernamental nacional e internacional aplicable y con la Reglamentación de IATA sobre Mercancías Peligrosas.

This package contains dangerous goods in excepted small quantities and is in all respects in compliance with the applicable international and national government regulations and the IATA Dangerous Goods Regulations.

Firma del Expedidor – Signature of Shipper

Cargo – Title

Fecha – Date

Nombre y dirección del Expedidor – Name and address of Shipper

Este bulto contiene
sustancia(s) de la Clase
(marcar con una X la(s)
casilla(s) correspondiente(s))

This package contains
substance(s) in Class(es)
(check applicable box(es))

Clase/Class:

2

3

4

5

6

8

9

☐☐☐☐☐☐☐

Y los Números NU aplicables son: – and the applicable UN Numbers are:

HAZARDOUS MATERIALS IN EXCEMPT QUANTITIES

Text: black; background: white; frame: red and white stripes
Dimensions 100 x 100 mm.

Scale.

**MODEL OF ADDITIONAL LABEL FOR
AIR TRANSPORT**

Table



(CRYOGENIC LIQUIDS)

MUST BE USED BESIDES THE NON FLAMMABLE GAS OF DIVISION 2.2 IN ALL PACKAGES AND COVERS COMPAINING CRYOGENIC LIQUIDS TRANSPORTED ON AIRCRAFT. DIMENSIONS: 74 X 105 MM BACKGROUND: GREEN ; WITH FRAME SYMBOL AND TEXT IN WHITE.



(MAGNETIZED MATERIAL)

SYMBOL AND TEXT IN LIGTH BLUE COLOR, THE SYMBOL OF A MAGNET POINTING TOWARDS A COMPASS FACE, WITH THE TEXT: "KEEP AWAY FROM AIRCRAFT COMPASS DETECTOR UNIT"



"DO NOT LOAD IN PASSENGER AIRCRAFT"

THE LABEL "DO NOT LOAD IN PASSENGER AIRCRAFT" MUST BE USED ON PACKAGES AND COVERS CONTAINING SUBSTANCES ALLOWED ONLY ON CARGO AIRCRAFT. SUCH LABEL MUST HAVE A SQUARE FORMAT WITH DIMENSIONS OF 120 X 110 MM. OF BLACK BACKGROUND WITH TEXT AND IMAGES IN ORANGE COLOR SHOWING A PASSENGER AIRCRAFT WITH THE DOOR OPEN AND A HAND PROTRUDING SIGNALING HALT, WITH THE TEXT OF "DANGER, DO NOT LOAD IN PASSENGER AIRCRAFT"

Scale.	MODEL OF ADDITIONAL LABEL FOR AIR TRANSPORT	Table
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